## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	52	((WOLFGANG) near2 (WINKLER)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:20
S2	6	((NILS) near2 (RAPP)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:31
S5	1	"20030042811".pn.	US-PGPUB; USPAT; USOCR			2008/08/26 10:41
S6	8	("4737673" or "5797181" or "6246140" or "6276833" or "20020090299" or "6517318" or "6520476" or "6832853").pn.	US-PGPUB; USPAT	OR	OFF	2008/08/26 11:12
S7	1	"6544011".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/26 11:13
S9	168	(417/354). OOLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:01
S10	101	S9 and motor\$1	USPAT	OR	OFF	2008/08/26 12:01
S11	604	(384/100). CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:18
S12	474	(384/107).CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:18
S13	290	(384/114). CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:18
S14	126	(384/115).CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:18
S15	183	(384/903). OCLS.	USPAT; USOCR	OR	OFF	2008/08/26 12:19
S16	1232	S11 or S12 or S13 or S14 or S15	USPAT	OR	OFF	2008/08/26 12:19
S17	638	S16 and motor\$1	USPAT	OR	OFF	2008/08/26 12:20
S18	184	(310/156.26).CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 15:59
S19	136	S18 and motor	USPAT	OR	OFF	2008/08/26 15:59
S20	638	(310/157).CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 16:07

S21	126	S20 and motor	USPAT	OR	OFF	2008/08/26 16:07
S22	5411	(310/152-156.84). CCLS.	USPAT; USOCR	OR	OFF	2008/08/26 17:48
S23	2124	\$22 and motor and magnet	USPAT	OR	OFF	2008/08/26 17:48
S24	187	S23 and bearing and seal\$3	USPAT	OR	OFF	2008/08/26 17:49
S25	0	("de-20118024-\$.did."). PN.	DERWENT	OR	OFF	2008/08/26 19:18
S26	0	("gb-2332989-\$.did."). PN.	DERWENT	OR	OFF	2008/08/26 20:01
S27	0	("wo-2002010602-\$. did.").PN.	DERWENT	OR	OFF	2008/08/26 20:58
S28	0	("wo-2010602-\$.did."). PN.	DERWENT	OR	OFF	2008/08/26 20:58
S29	0	("wo-210602-\$.did."). PN.	DERWENT	OR	OFF	2008/08/26 20:58
S30	1	"6832853".pn.	USPAT	OR	OFF	2008/08/26 21:00
S31	8	thermoplastic with transparent with (laser near2 light)	USPAT	OR	OFF	2008/08/26 21:13
S32	89	seal\$3 with made with cover with thermoplastic	USPAT	OR	OFF	2008/08/26 21:16
S33	2639	(310/90).CCLS.	USPAT; USOCR	OR	OFF	2008/08/27 08:41
S34	1951	(310/67r).CCLS.	USPAT; USOCR	OR	OFF	2008/08/27 08:41
S35	315	S33 and S34	USPAT	OR	OFF	2008/08/27 08:41
S36	9	("7176596" or "6954017" or "6949852" or "6897586" or "6720694" or "6252322" or "5264748" or "4955791" or "4737673").pn.	USPAT	OR	OFF	2008/08/27 08:43
S37	5	("6617736"   "6756715"   "6815852").PN. OR ("6897586").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 09:01
S38	1777	(310/91).CCLS.	USPAT; USOCR	OR	OFF	2008/08/27 09:07

S39	441	S38 and motor and bearing	USPAT	OR	OFF	2008/08/27 09:07
S40	2	("6664676").URPN.	USPAT	OR	OFF	2008/08/27 09:17
S41	1713	S33 not S35	USPAT	OR	OFF	2008/08/27 10:06
S42	1613	S41 not S39	USPAT	OR	OFF	2008/08/27 10:06
S43	887	S42 and motor and bearing	USPAT	OR	OFF	2008/08/27 10:07
S44	1194	S34 not S35	USPAT	OR	OFF	2008/08/27 10:38
S45	1194	S44 not S43	USPAT	OR	OFF	2008/08/27 10:38
S46	1136	S44 not S39	USPAT	OR	OFF	2008/08/27 10:38
S47	477	S46 and motor and bearing	USPAT	OR	OFF	2008/08/27 10:39
S48	10	("5142176"   "5446610"   "5621588"   "5739602"   "6256289"   "6330126"   "6525441"   "6580186"   "6700241"   "6815852").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 10:51
S49	34	("3644066"   "4373861"   "4564335"   "4612468"   "4737673"   "4783608").PN. OR ("4955791").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 11:35
S50	14	("2471180"   "3188153"   "3726575"   "4955791"   "5195860"   "5441386"   "5610462"   "6274958"   "6278207"   "6332763").PN. OR ("6726450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 11:37
S51	38	("3772544"   "3777191"   "3786290"   "4013326"   "4612468"   "4613778"   "4856918"   "4955791"   "5258672").PN. OR ("5610462").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 11:39

S52	40	("2427947"   "4117359"   "4509870"   "4682065").PN. OR	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 11:50
 S53	1	("4783608").URPN. "20030130381".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/27 14:21
S54	0	tube with metal with epilam with coat&3	USPAT	OR	OFF	2008/08/27 16:26
S55	0	epilam with coat&3	USPAT	OR	OFF	2008/08/27 16:26
S56	1	epilam	USPAT	OR	OFF	2008/08/27 16:27
S60	1	"20020060954".pn.	US-PGPUB; USPAT	OR	OFF	2008/08/27 16:32
S61	7	("20040052662"   "20040135447"   "5490021"   "6084328"   "6242830"   "6717310"   "6781268").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 20:34
S62	49	US-20030130381-\$ or US-20040052662-\$). did. or (US-6507135-\$ or US-5924849-\$ or US-4955791-\$ or US-6765326-\$ or US-6380651-\$ or US-6276833-\$ or US-6217218-\$ or US-5505548-\$ or US-6332853-\$ or US-7114632-\$ or US-7114632-\$ or US-6954017-\$ or US-6954017-\$ or US-6952322-\$ or US-6720694-\$ or US-6720694-\$ or US-6720694-\$ or US-6720694-\$ or US-6720694-\$ or US-6720694-\$ or US-6756714-\$ or US-6756714-\$ or US-6756714-\$ or US-6617736-\$ or US-6617736-\$ or US-6617736-\$ or US-6617736-\$ or US-6634890-\$ or US-6498412-\$ or US-6490054-\$).did. or (US-6376954-\$ or US-6246140-\$ or US-6246140-\$ or US-6246140-\$ or US-	US-PGPUB; USPAT	OR		2008/08/28

S75	1	"20030113045".pn.	US-PGPUB; USPAT	OR	OFF	2010/02/13 18:13
S74	7	("6832853" or "6717310" or "6692152" or "6318976" or "6217218" or "5938343" or "5403098").pn.	USPAT	OR	OFF	2010/02/04 12:51
S73	871	(384/100).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/02/04 12:16
S72	1	jp-2002171712-\$.did.	DERWENT	OR	OFF	2009/05/13 10:55
S71	249	S69 and (retain\$3 adj1 shaft)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 10:29
S69	76867	("384").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 10:27
S68	2	(sintered near2 bearing) near5 (surface near2 machin \$3)	USPAT	OR	OFF	2008/08/28 08:26
S67	0	(sintered near2 bearing) near5 (surface near2 finish)	USPAT	OR	OFF	2008/08/28 08:26
S66	36	bearing near5 (surface near2 finish) near5 machin\$3	USPAT	OR	OFF	2008/08/28 08:24
S65	311	bearing near5 (surface near2 finish)	USPAT	OR	OFF	2008/08/28 08:23
S64	0	S62 and (surface near2 finish)	USPAT	OR	OFF	2008/08/28 08:22
S63	0	5831355-\$ or US- 4800307-\$ or US- 6726450-\$ or US- 5610462-\$ or US- 6414411-\$ or US- 4783608-\$ or US- 7286307-\$ or US- 6916866-\$ or US- 6714487-\$).did. S62 and (surface near2 finish)	USPAT	OR	OFF	2008/08/28 08:22
		6072261-\$ or US- 6849978-\$ or US- 6236129-\$ or US- 5218256-\$ or US- 7315100-\$ or US- 6982505-\$ or US- 6455961-\$ or US- 6281608-\$ or US-				

S77	98	((fluid or liquid) near2 tight) with laser with weld\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/28 12:50
S78	8	S77 and thermoplastic	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/28 13:02
S79	8	\$77 and thermoplastic \$1	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/28 13:17
S80	166	(US-7416386-\$ or US-7391611-\$ or US-7391611-\$ or US-7300262-\$ or US-7211915-\$ or US-7112906-\$ or US-7110255-\$ or US-7106587-\$ or US-7094039-\$ or US-7086843-\$ or US-7086843-\$ or US-708180-\$ or US-6979177-\$ or US-6939113-\$ or US-6939113-\$ or US-6939113-\$ or US-6916160-\$ or US-673239-\$ or US-6773239-\$ or US-6773239-\$ or US-6616422-\$ or US-6616422-\$ or US-6612814-\$).did. or (US-6572346-\$ or US-6511300-\$ or US-633659-\$ or US-633659-\$ or US-6394768-\$ or US-6394768-\$ or US-6394768-\$ or US-6386837-\$ or US-6386837-\$ or US-6386837-\$ or US-6386276-\$ or US-6386276-\$ or US-6332758-\$ or US-6332758	USPAT; USOCR		OFF	2010/12/29

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		2830752-\$ or US- 2776088-\$ or US- 2772046-\$ or US- 2768583-\$ or US- 2742223-\$ or US- 2495895-\$ or US- 2482847-\$ or US- 2225338-\$).did. or (US- 2171460-\$ or US- 2091510-\$ or US- 1921218-\$ or US- 1632357-\$).did.			annananananananananananananananananana	
S81	179	(417/354).OCLS.	USPAT; USOCR	OR	OFF	2010/12/29 15:09
S82	13	S81 not S80	US-PGPUB; USPAT	OR	OFF	2010/12/29 15:09

## **EAST Search History (Interference)**

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1/1/2011 9:49:19 PM

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